

10-29-2001



U.S. Department of Commerce  
Patent and Trademark Office  
PATENT

101887820

PATENTS ONLY

10-15-01

The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

- ☒ New  
☐ Resubmission (Non-Recordation)  
Document ID #   
☐ Correction of PTO Error  
Reel #  Frame #   
☐ Corrective Document  
Reel #  Frame #

Conveyance Type

- ☒ Assignment  
☐ License  
☐ Merger  
☐ Security Agreement  
☐ Change of Name  
☐ Other

U.S. Government

(For Use ONLY by U.S. Government Agencies)

- ☐ Departmental File ☐ Secret File

Conveying Party(ies)

☒ Mark if additional names of conveying parties attached

Name (line 1) Wendy NAIMARK

Execution Date  
Month Day Year  
10 03 2001

Name (line 2)

Second Party

Name (line 1) Susan O'BRIEN

Execution Date  
Month Day Year  
10 09 2001

Name (line 2)

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) SCIMED LIFE SYSTEMS, INC.

Name (line 2) An organization of the State of Minnesota

Address (line 1) One SCIMED Place

Address (line 2)

Address (line 3) Maple Grove

Minnesota

55311-1566

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

FOR OFFICE USE ONLY

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:  
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

PATENT  
REEL: 012279 FRAME: 0490

**Correspondent Name and Address**

Area Code and Telephone Number

(202) 220-4296

Name Fred T. Grasso

Address (line 1) Kenyon & Kenyon

Address (line 2) 1500 K Street, N.W.

Address (line 3) Suite 700

Address (line 4) Washington, D.C. 20005

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments

# 11

**Application Number(s) or Patent Number(s)**

☐ Mark if additional numbers attached.

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number(s)**

**Patent Number(s)**

09/883,178

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number as not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

**Number of Properties**

Enter the total number of properties involved.

#

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41):

\$ 40.00

Method of Payment:

Enclosed ☐

Deposit Account ☒

Deposit Account

Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

# 11-0600

Authorization to charge additional fees:

Yes ☒

No ☐

**Statement and Signature**

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Fred T. Grasso (Reg. No. 43,644)

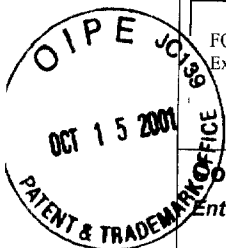
Name of Person Signing



Signature

October 15, 2001

Date



FORM PTO-1619A  
Expires 06/30/99

**RECORDATION FORM COVER SHEET  
CONTINUATION  
PATENTS ONLY**

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**

**Conveying Party(ies)**

☒ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Brandon SHUMAN

Execution Date  
Month Day Year  
10 05 2001

Name (line 2)

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

**Receiving Party(ies)**

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

**Application Number(s) or Patent Number(s)**

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number(s)**

<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

**Patent Number(s)**

<u></u>	<u></u>
<u></u>	<u></u>
<u></u>	<u></u>
<u></u>	<u></u>
<u></u>	<u></u>

## ASSIGNMENT

WHEREAS, I,

- 1) Wendy NAIMARK
- 2) Susan O'BRIEN
- 3) Brandon SHUMAN

residing at

- 1) 2 Ware Street #306, Cambridge, MA 02138
- 2) 61 Park Drive #5, Boston, MA 02215
- 3) 407 18<sup>th</sup> Avenue, Kirkland, WA 98033

(hereinafter also referred to as "the Assignor"); have invented new and useful improvements in **METHOD AND APPARATUS TO MODIFY A FLUID USING A SELECTIVELY PERMEABLE MEMBRANE** for which I am making application for Letters Patent of the United States, said application being filed in the United States Patent and Trademark Office on June 19, 2001, Serial Number 09/883,178; and

WHEREAS, SCIMED LIFE SYSTEMS, INC., organized and existing under and by virtue of the laws of the State of Minnesota, having an office at One SCIMED Place, Maple Grove, Minnesota 55311-1566, (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title and interest in and to the application and invention therein described and claimed and any Letters Patent that may be issued upon the application or for the improvements therein contained.

NOW, THEREFORE, in consideration of One U.S. Dollar (U.S. \$1.00) and other valuable consideration furnished by Assignee to me, receipt and sufficiency of which I hereby acknowledge, I hereby, without reservations:

1. Assign, transfer, and convey to Assignee the entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, and extensions of letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent.

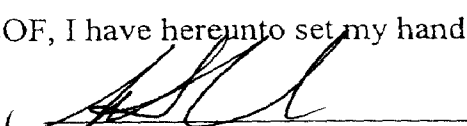
2. Authorize Assignee to file patent applications in any or all countries for any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise.

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.

4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance.

5. Bind my heirs, legal representatives, and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in my control or in the control of my heirs, legal representatives, or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 31  
day of October, 2001.

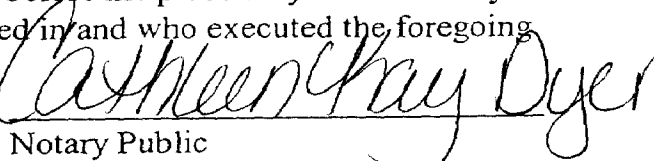
  
Wendy Naimark

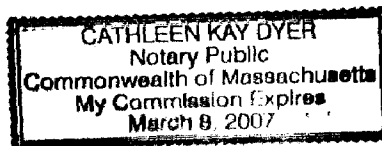
United States of America )

State/Commonwealth of Massachusetts ) ss.:

County of Middlesex )

On this 3rd day of October, 2001, before me personally came **Wendy Niamark**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of same.

  
Notary Public



## ASSIGNMENT

WHEREAS, I,

- 1) Wendy NAIMARK
- 2) Susan O'BRIEN
- 3) Brandon SHUMAN

residing at

- 1) 2 Ware Street #306, Cambridge, MA 02138
- 2) 61 Park Drive #5, Boston, MA 02215
- 3) 407 18<sup>th</sup> Avenue, Kirkland, WA 98033

(hereinafter also referred to as "the Assignor"); have invented new and useful improvements in **METHOD AND APPARATUS TO MODIFY A FLUID USING A SELECTIVELY PERMEABLE MEMBRANE** for which I am making application for Letters Patent of the United States, said application being filed in the United States Patent and Trademark Office on June 19, 2001, Serial Number 09/883,178; and

WHEREAS, SCIMED LIFE SYSTEMS, INC., organized and existing under and by virtue of the laws of the State of Minnesota, having an office at One SCIMED Place, Maple Grove, Minnesota 55311-1566, (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title and interest in and to the application and invention therein described and claimed and any Letters Patent that may be issued upon the application or for the improvements therein contained.

NOW, THEREFORE, in consideration of One U.S. Dollar (U.S. \$1.00) and other valuable consideration furnished by Assignee to me, receipt and sufficiency of which I hereby acknowledge, I hereby, without reservations:

1. Assign, transfer, and convey to Assignee the entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, and extensions of letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent.

2. Authorize Assignee to file patent applications in any or all countries for any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise.

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.

4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance.

5. Bind my heirs, legal representatives, and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in my control or in the control of my heirs, legal representatives, or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this \_\_\_\_\_  
day of \_\_\_\_\_, 20\_\_\_\_.

United States of America )  
State/Commonwealth of \_\_\_\_\_ ) ss.:  
County of \_\_\_\_\_ )

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally came **Wendy Niamark**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of same.

\_\_\_\_\_  
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 9<sup>th</sup> day of October, 2001.

Susan O'Brien  
Susan O'Brien

United States of America )

State/Commonwealth of Massachusetts ) ss.:

County of Suffolk )

On this 9 day of October, 2001, before me personally came **Susan O'Brien**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of same.

Katherine Scarpian  
Notary Public 6-3-05

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Brandon Shuman

United States of America )

State/Commonwealth of \_\_\_\_\_ ) ss.:

County of \_\_\_\_\_ )

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally came **Brandon Shuman**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of same.

\_\_\_\_\_  
Notary Public



## ASSIGNMENT

WHEREAS, I,

- 1) Wendy NAIMARK
- 2) Susan O'BRIEN
- 3) Brandon SHUMAN

residing at

- 1) 2 Ware Street #306, Cambridge, MA 02138
- 2) 61 Park Drive #5, Boston, MA 02215
- 3) 407 18<sup>th</sup> Avenue, Kirkland, WA 98033

(hereinafter also referred to as "the Assignor"); have invented new and useful improvements in **METHOD AND APPARATUS TO MODIFY A FLUID USING A SELECTIVELY PERMEABLE MEMBRANE** for which I am making application for Letters Patent of the United States, said application being filed in the United States Patent and Trademark Office on June 19, 2001, Serial Number 09/883,178; and

WHEREAS, SCIMED LIFE SYSTEMS, INC., organized and existing under and by virtue of the laws of the State of Minnesota, having an office at One SCIMED Place, Maple Grove, Minnesota 55311-1566, (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title and interest in and to the application and invention therein described and claimed and any Letters Patent that may be issued upon the application or for the improvements therein contained.

NOW, THEREFORE, in consideration of One U.S. Dollar (U.S. \$1.00) and other valuable consideration furnished by Assignee to me, receipt and sufficiency of which I hereby acknowledge, I hereby, without reservations:

1. Assign, transfer, and convey to Assignee the entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, and extensions of letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent.

2. Authorize Assignee to file patent applications in any or all countries for any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise.

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.

4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance.

5. Bind my heirs, legal representatives, and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in my control or in the control of my heirs, legal representatives, or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this \_\_\_\_\_  
day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Wendy Naimark

United States of America

)

State/Commonwealth of \_\_\_\_\_ ) ss.:

County of \_\_\_\_\_ )

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally came **Wendy Niamark**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of same.

\_\_\_\_\_  
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

United States of America )  
Susan O'Brien  
State/Commonwealth of \_\_\_\_\_ ) ss.:  
County of \_\_\_\_\_ )

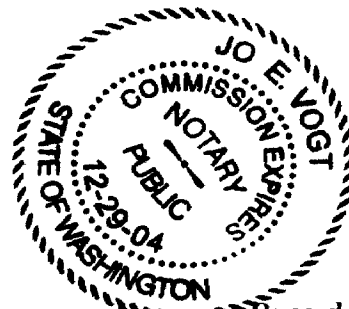
On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally came **Susan O'Brien**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of same.

\_\_\_\_\_  
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 5 day of October, 2001.

Brandon Shuman  
Brandon Shuman

United States of America )  
State/Commonwealth of Washington ) ss.:  
County of King )



On this 5th day of October, 2001, before me personally came **Brandon Shuman**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of same.

Jo E Vogt  
Notary Public